LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.621	44	48	49	rBV4	5729	6106	0.35%	0.029%
2	4.050	115	121	124	rBV4	4077	6147	0.35%	0.029%
3	4.156	135	139	144	rVB2	15258	19512	1.12%	0.092%
4	4.297	158	163	167	rVB4	5960	9706	0.56%	0.046%
5	4.608	212	216	222	rVB4	18237	27497	1.58%	0.130%
6	5.026	283	287	292	rVV3	12432	19861	1.14%	0.094%
7	7.399	682	691	700	rVV	129233	238309	13.66%	1.128%
8	7.581	715	722	730	rVB	74946	136994	7.85%	0.649%
9	7.799	752	759	766	rBV2	125982	217225	12.45%	1.028%
10	8.275	833	840	848	rBV	167235	286037	16.39%	1.354%
11	8.956	950	956	963	rVB	139013	243825	13.98%	1.154%
12	9.438	1031	1038	1045	rBV	123066	208776	11.97%	0.988%
13	10.167	1155	1162	1168	rVV4	96154	184322	10.56%	0.873%
14	10.701	1246	1253	1260	rBV2	160234	295246	16.92%	1.398%
15	11.101	1312	1321	1327	rBV	211268	385239	22.08%	1.824%
16	11.218	1335	1341	1350	rVB	108146	195083	11.18%	0.924%
17	12.728	1594	1598	1603	rVB3	7716	14518	0.83%	0.069%
18	12.952	1628	1636	1643	rBV4	7219	15132	0.87%	0.072%
19	13.715	1762	1766	1771	rBV4	5657	8343	0.48%	0.039%
20	13.768	1771	1775	1782	rVB5	13107	22057	1.26%	0.104%
21	13.915	1797	1800	1806	rBV3	4046	5877	0.34%	0.028%
22	14.209	1844	1850	1854	rBV3	8232	15010	0.86%	0.071%
23	14.274	1854	1861	1866	rVV	294607	429549	24.62%	2.033%
24	14.321	1866	1869	1875	rVB	87479	119436	6.85%	0.565%
25	14.579	1907	1913	1920	rVB	298507	464963	26.65%	2.201%
26	14.838	1950	1957	1958	rBV3	4047	6629	0.38%	0.031%
27	14.885	1958	1965	1971	rVV	338055	546578	31.33%	2.587%
28	14.949	1971	1976	1981	rVB2	52704	82676	4.74%	0.391%
29	15.032	1981	1990	1996	rBV	121105	198404	11.37%	0.939%
30	15.190	2011	2017	2021	rBV6	8728	13952	0.80%	0.066%
31	15.278	2026	2032	2039	rVB2	29712	46839	2.68%	0.222%
32	15.349	2039	2044	2048	rBV4	4414	8445	0.48%	0.040%
33	15.496	2064	2069	2074	rBV5	5504	9271	0.53%	0.044%
34	15.543	2074	2077	2081	rVB2	4898	5839	0.33%	0.028%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION

35	15.666	2093	2098	2102	rBV5	5515	10812	0.62%	0.051%
36	15.866	2124	2132	2138	rVV	379592	572922	32.84%	2.712%
37	15.925	2138	2142	2145	rVV	43817	65193	3.74%	0.309%
38	15.966	2145	2149	2157	rVV2	89562	146461	8.39%	0.693%
39	16.048	2160	2163	2166	rVB4	7231	7897	0.45%	0.037%
40	16.083	2167	2169	2175	rVB4	6163	8689	0.50%	0.041%
41	16.207	2188	2190	2196	rVB3	13662	19212	1.10%	0.091%
42	16.359	2212	2216	2224	rVB3	15408	32082	1.84%	0.152%
43	16.542	2244	2247	2249	rVV2	5320	7856	0.45%	0.037%
44	16.589	2253	2255	2259	rVB2	10277	11257	0.65%	0.053%
45	16.800	2287	2291	2293	rVB3	4090	5830	0.33%	0.028%
46	16.847	2295	2299	2302	rBV2	10352	13874	0.80%	0.066%
47	16.900	2302	2308	2309	rVV4	8041	13085	0.75%	0.062%
48	16.918	2309	2311	2316	rVB5	12375	13799	0.79%	0.065%
49	17.070	2334	2337	2343	rVB7	6647	9235	0.53%	0.044%
50	17.182	2353	2356	2359	rBV3	6821	7722	0.44%	0.037%
51	17.264	2366	2370	2375	rVB2	24682	38840	2.23%	0.184%
52	17.346	2380	2384	2385	rBV2	12351	13941	0.80%	0.066%
53	17.435	2395	2399	2405	rVB2	34947	56033	3.21%	0.265%
54	17.488	2405	2408	2412	rBV5	8695	13480	0.77%	0.064%
55	17.617	2424	2430	2433	rBV	444099	669887	38.40%	3.171%
56	17.658	2433	2437	2442	rVB	591682	842640	48.30%	3.989%
57	17.717	2442	2447	2451	rBV2	383421	595660	34.14%	2.820%
58	17.799	2458	2461	2466	rVB5	12730	22210	1.27%	0.105%
59	17.922	2478	2482	2487	rVB6	4932	6834	0.39%	0.032%
60	18.005	2489	2496	2501	rBV	50008	85608	4.91%	0.405%
61	18.134	2514	2518	2522	rVV3	13574	16338	0.94%	0.077%
62	18.193	2525	2528	2533	rVB5	16461	24514	1.41%	0.116%
63	18.404	2560	2564	2565	rBV3	9872	9997	0.57%	0.047%
64	18.486	2573	2578	2582	rBV2	135354	203464	11.66%	0.963%
65	18.533	2582	2586	2592	rVB	110724	172296	9.88%	0.816%
66	18.610	2596	2599	2604	rVB3	30201	40252	2.31%	0.191%
67	18.680	2605	2611	2615	rBV3	112540	214559	12.30%	1.016%
68	18.974	2656	2661	2664	rBV	66241	106415	6.10%	0.504%
69	19.009	2664	2667	2673	rVB2	101382	142472	8.17%	0.674%
70	19.097	2680	2682	2685	rVB4	15730	14508	0.83%	0.069%
71	19.215	2700	2702	2706	rVB5	19338	20732	1.19%	0.098%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION

72	19.256	2706	2709	2714	rVB3	45357	62056	3.56%	0.294%
73	19.385	2727	2731	2737	rBV3	45408	79015	4.53%	0.374%
74	19.526	2750	2755	2762	rBV2	51127	86709	4.97%	0.410%
75	19.650	2770	2776	2782	rVB	1207701	1744674	100.00%	8.259%
76	19.744	2788	2792	2796	rVB6	41997	54078	3.10%	0.256%
77	19.838	2803	2808	2811	rBV6	28900	49075	2.81%	0.232%
78	19.979	2826	2832	2834	rBV2	686530	1055766	60.51%	4.998%
79	20.008	2834	2837	2844	rVB	944435	1360888	78.00%	6.442%
80	20.073	2844	2848	2851	rBV2	50723	72166	4.14%	0.342%
81	20.178	2862	2866	2872	rVB	65798	90154	5.17%	0.427%
82	20.243	2874	2877	2882	rVB2	30884	42345	2.43%	0.200%
83	20.314	2885	2889	2890	rBV	64831	75446	4.32%	0.357%
84	20.490	2916	2919	2924	rVB	168106	235697	13.51%	1.116%
85	20.590	2930	2936	2940	rBV	125538	201833	11.57%	0.955%
86	20.648	2940	2946	2949	rVV2	73695	140675	8.06%	0.666%
87	20.790	2967	2970	2973	rBV2	45440	56696	3.25%	0.268%
88	21.260	3047	3050	3057	rVB	96047	160033	9.17%	0.758%
89	21.506	3088	3092	3096	rBV2	128093	175403	10.05%	0.830%
90	21.606	3106	3109	3115	rVB2	110282	182082	10.44%	0.862%
91	21.882	3149	3156	3163	rBV2	616640	1683113	96.47%	7.968%
92	21.947	3163	3167	3179	rVB	488255	876059	50.21%	4.147%
93	22.106	3190	3194	3200	rBV2	90205	140324	8.04%	0.664%
94	22.317	3225	3230	3238	rVB3	76402	158097	9.06%	0.748%
95	22.740	3297	3302	3309	rVB4	86022	169506	9.72%	0.802%
96	24.215	3545	3553	3561	rBV2	318335	1082028	62.02%	5.122%
97	24.985	3676	3684	3690	rBV	172873	478656	27.44%	2.266%
98	25.061	3692	3697	3704	rVV2	210368	606931	34.79%	2.873%
99	25.137	3706	3710	3720	rVB2	258466	635090	36.40%	3.006%
100	25.296	3729	3737	3745	rBV2	217375	619358	35.50%	2.932%

Sum of corrected areas: 21123962

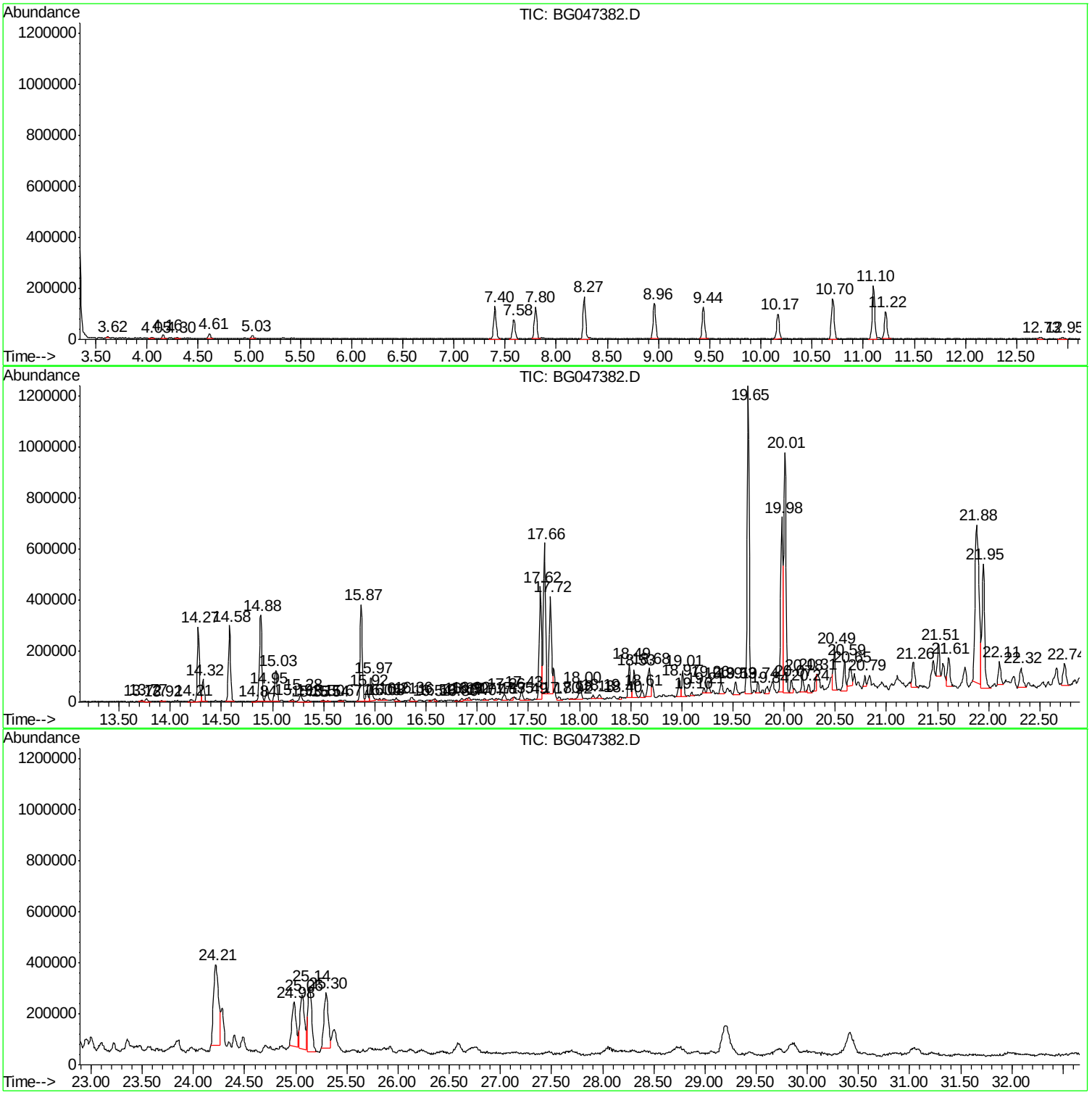
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

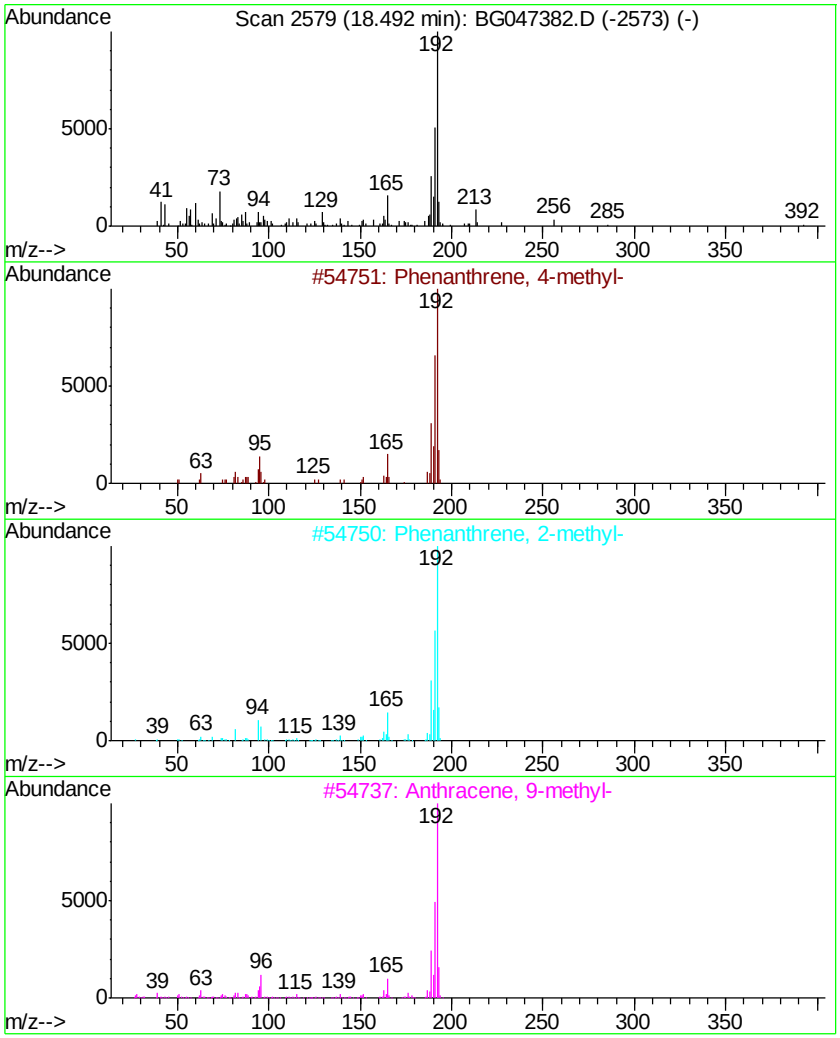
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

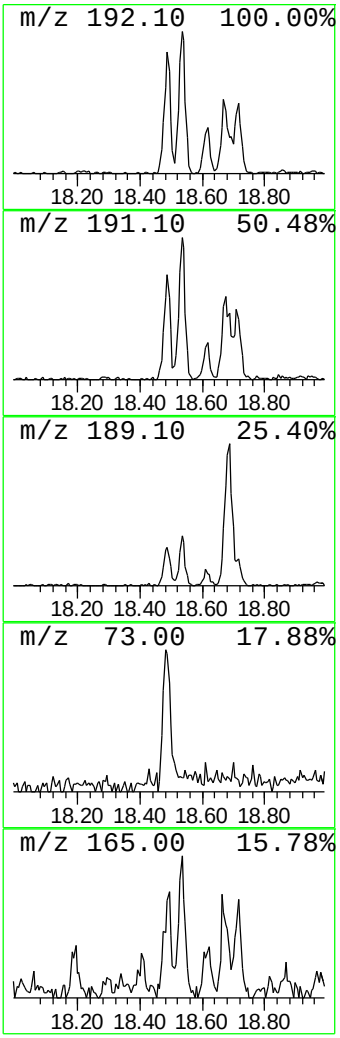
****

Peak Number 1 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	6.07 ng/ul	203464	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

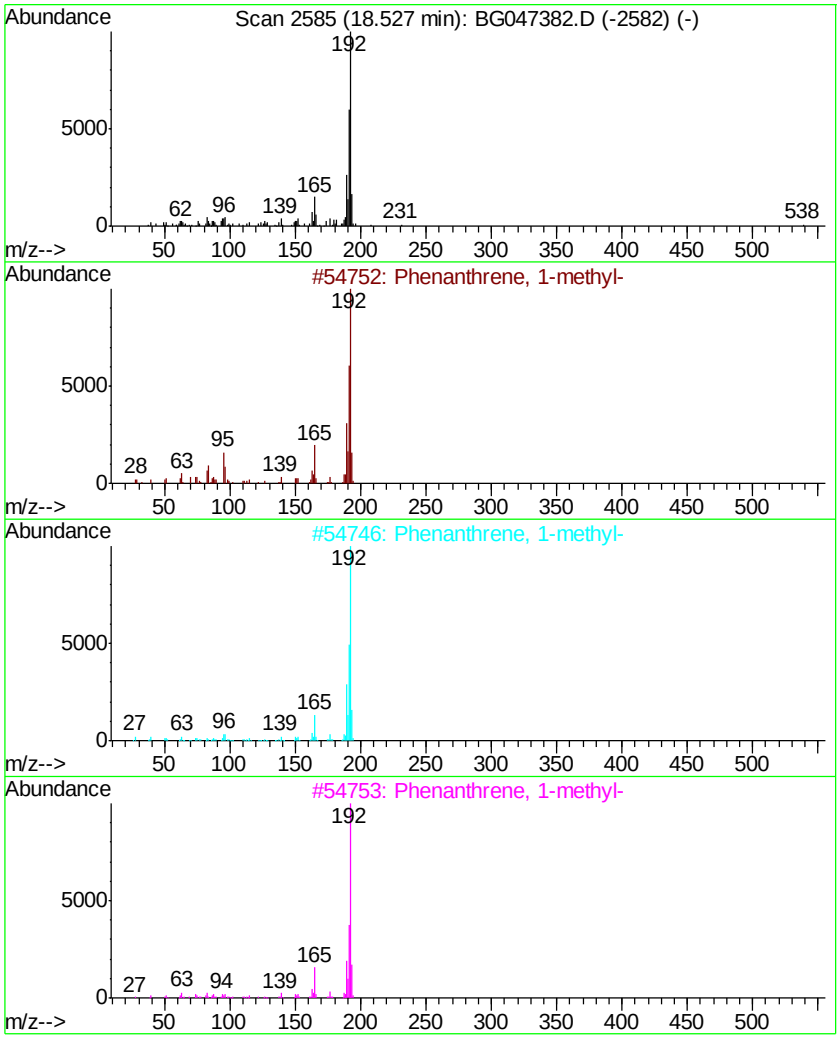
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

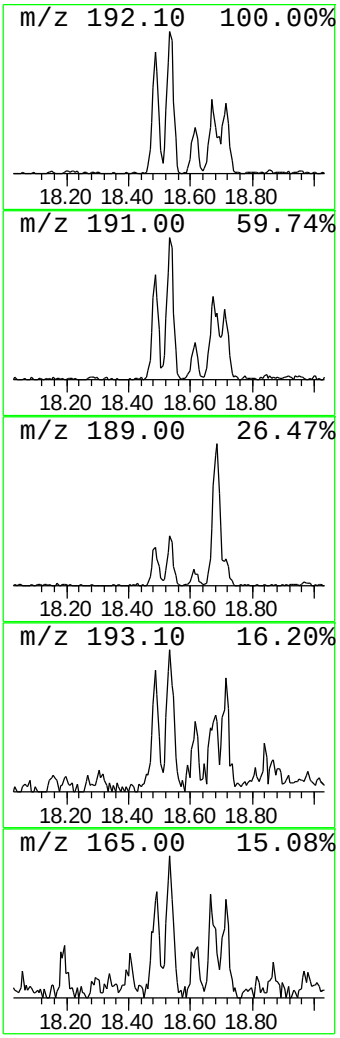
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	5.14 ng/ul	172296	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

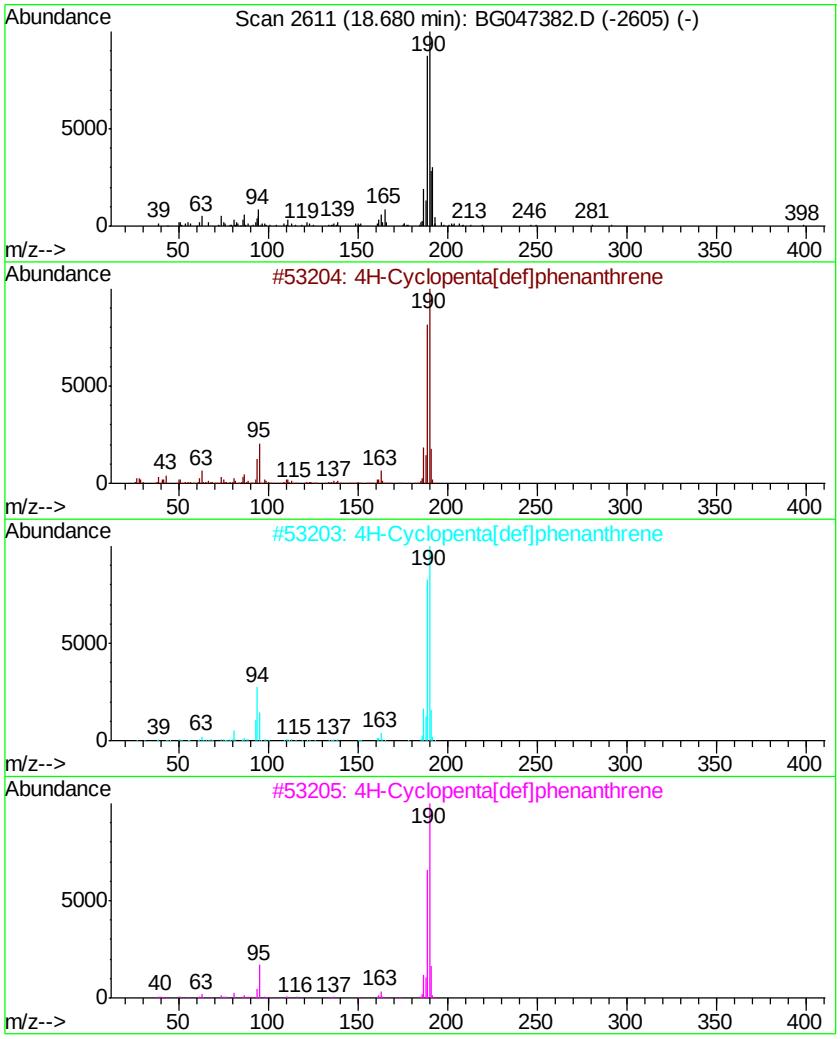
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

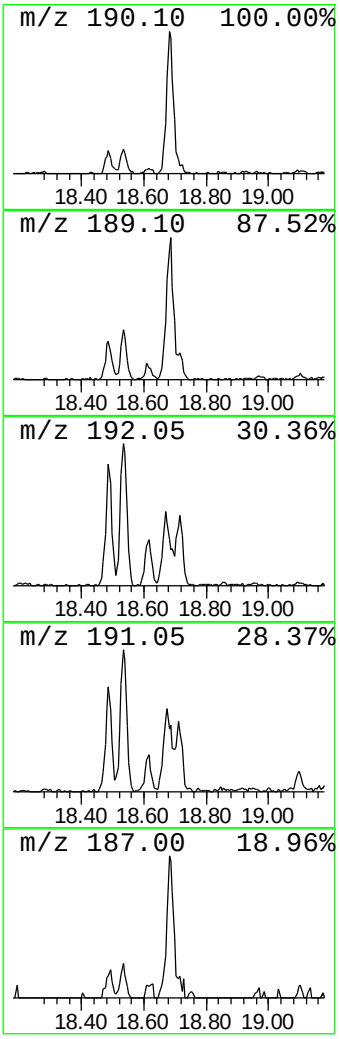
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	6.41 ng/ul	214559	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	58
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

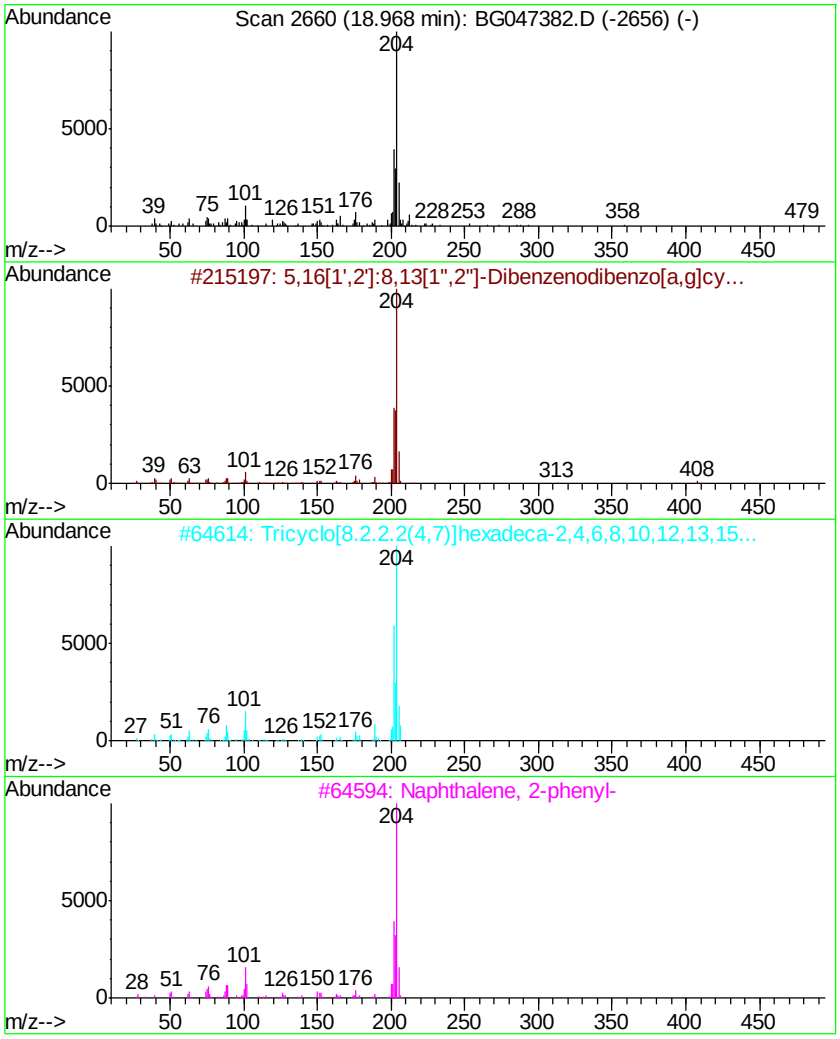
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

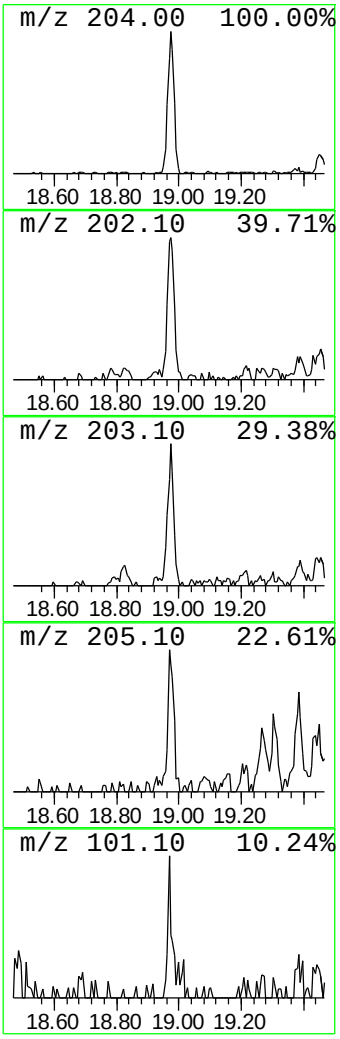
****

Peak Number 4 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	3.18 ng/ul	106415	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

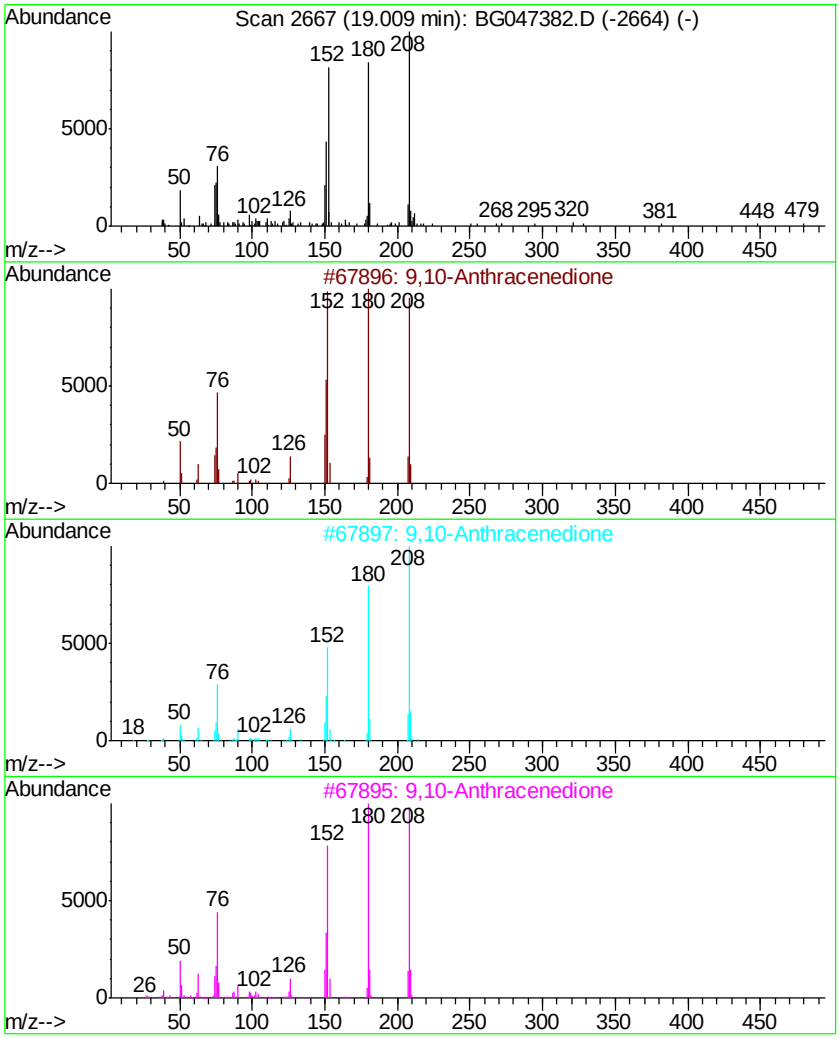
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

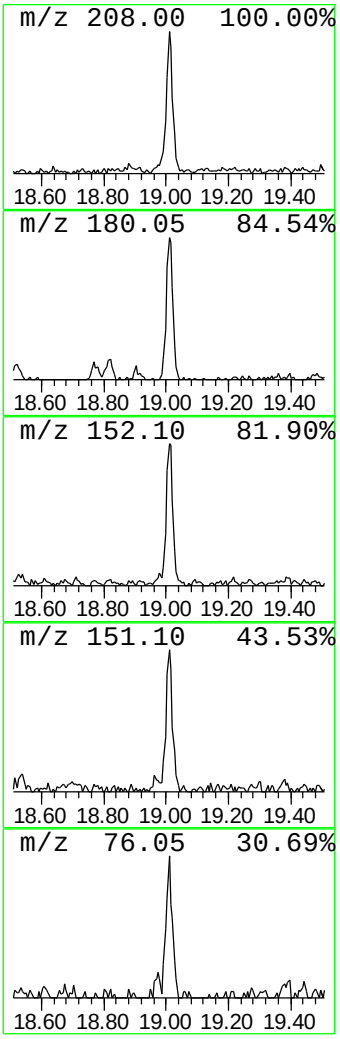
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	4.25 ng/ul	142472	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	68
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

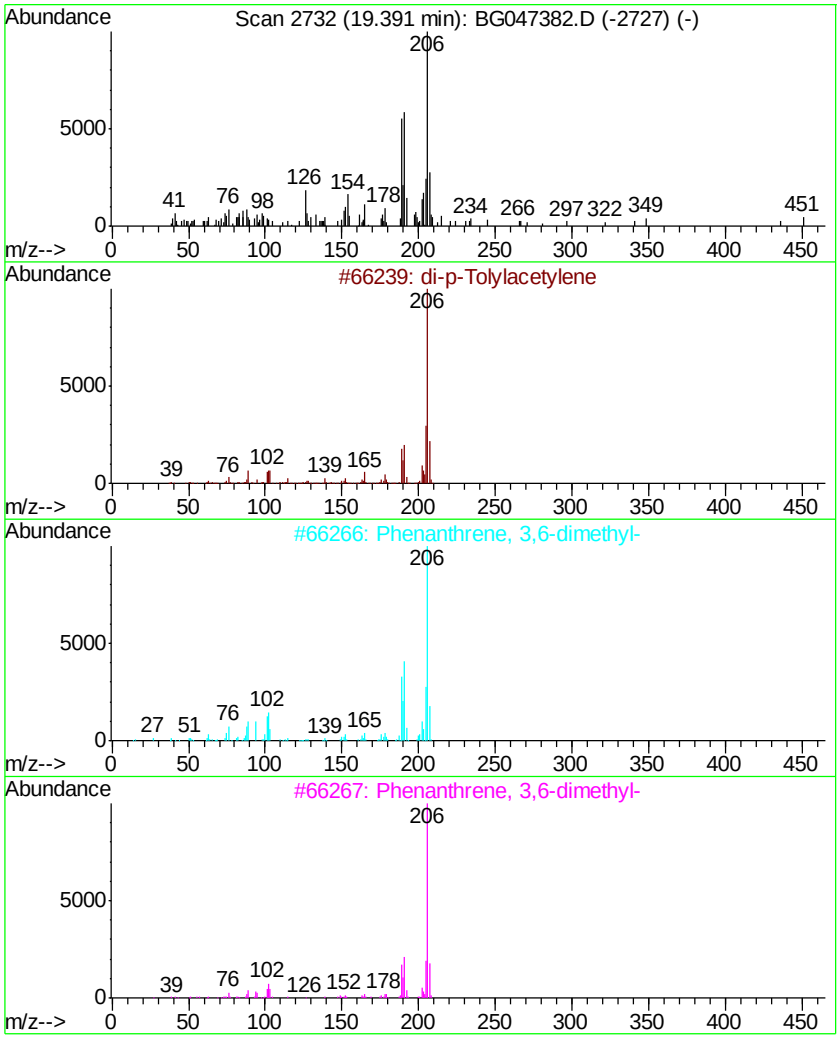
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

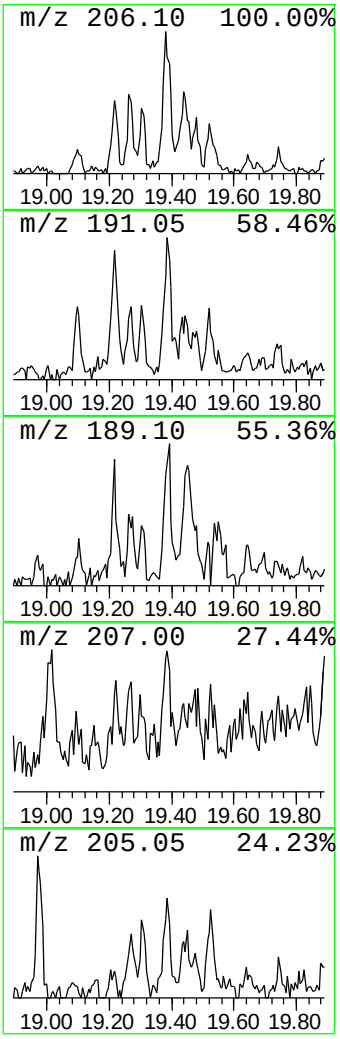
****

Peak Number 6 di-p-Tolylacetylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.36 ng/ul	79015	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	68
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64





Library Search Compound Report

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Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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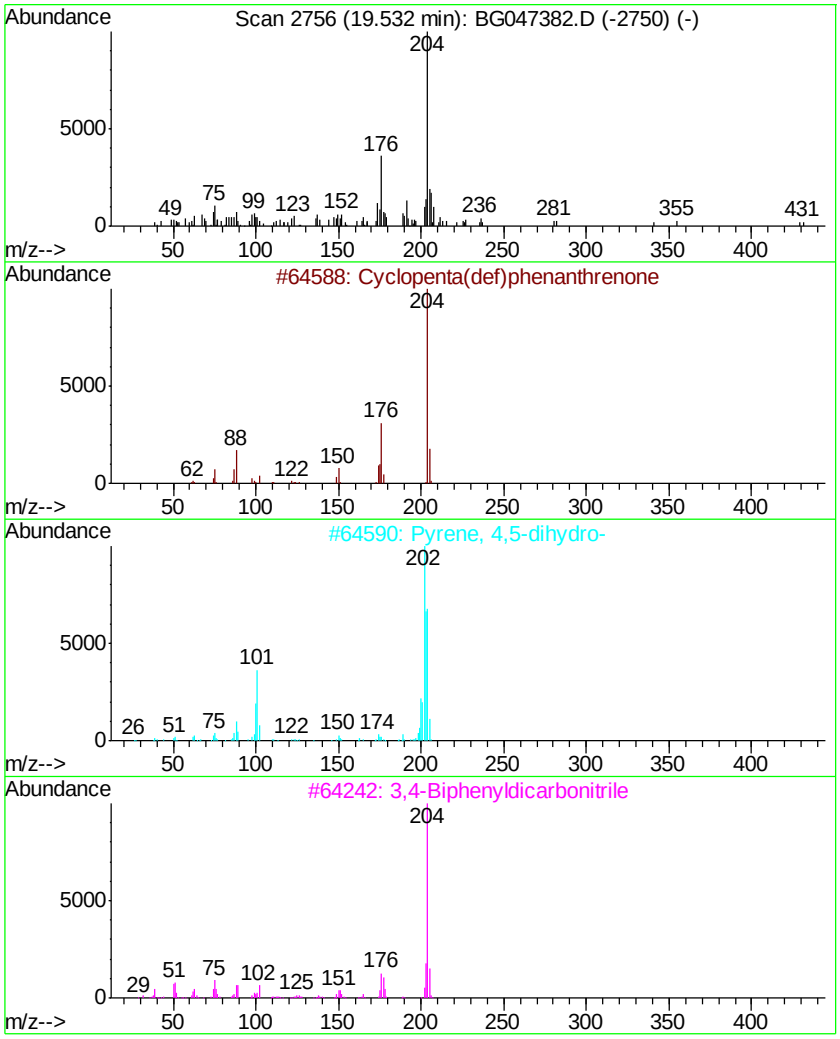
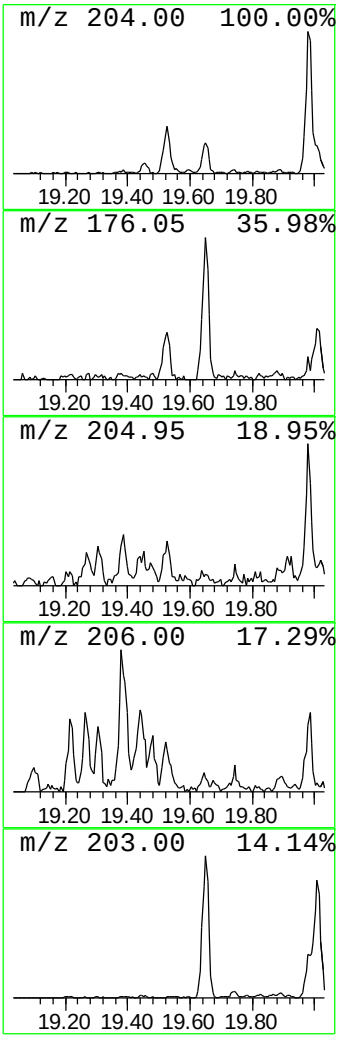
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	2.59 ng/ul	86709	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	53
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	50





Library Search Compound Report

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Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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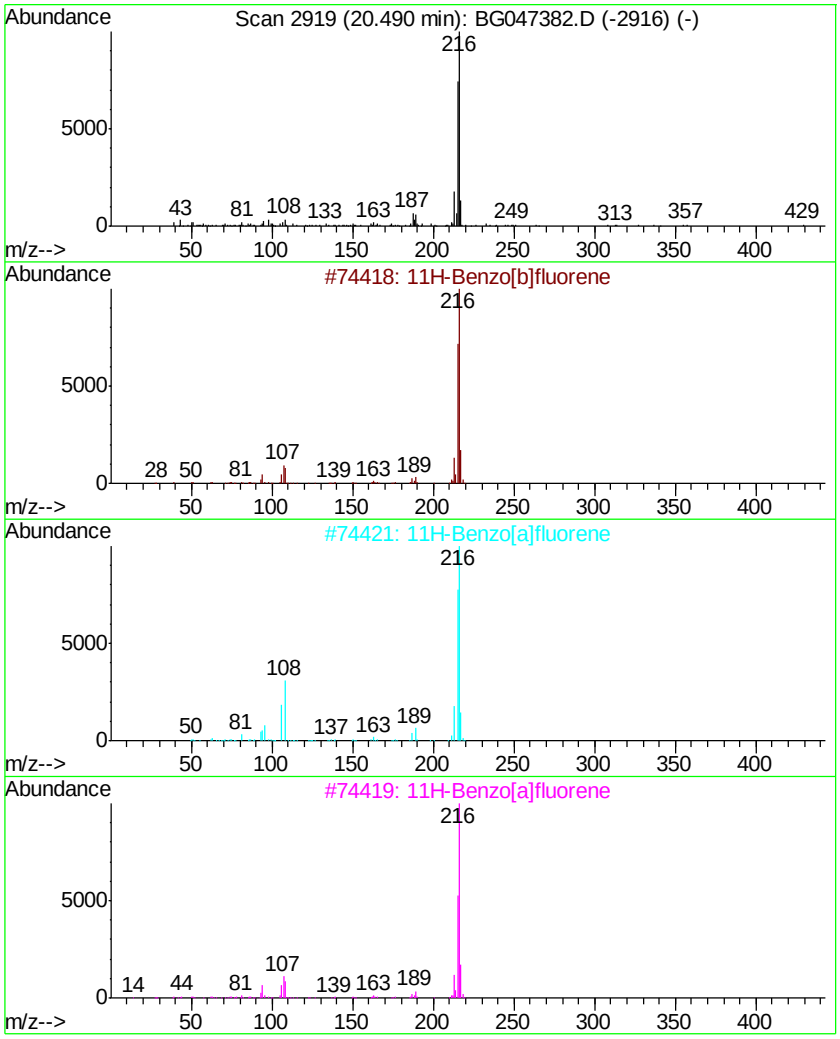
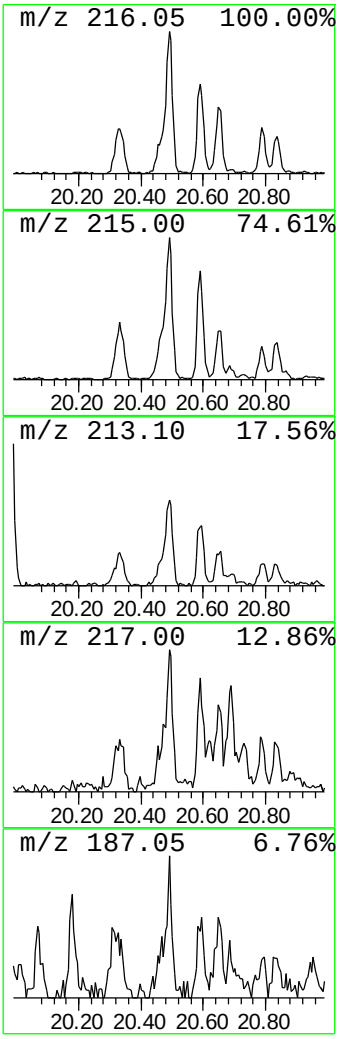
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	2.80 ng/ul	235697	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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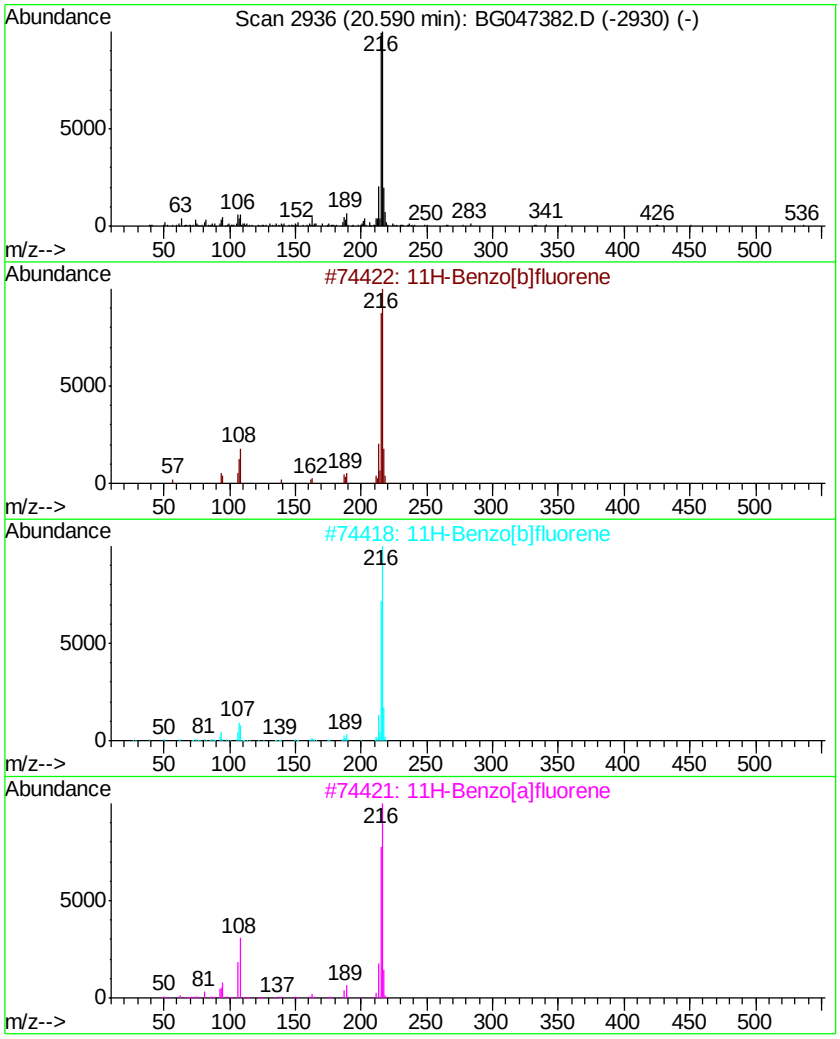
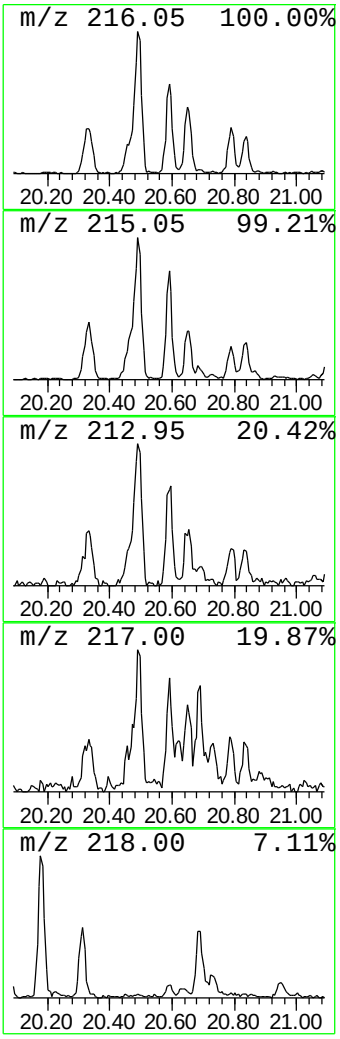
Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	2.40 ng/ul	201833	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68





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Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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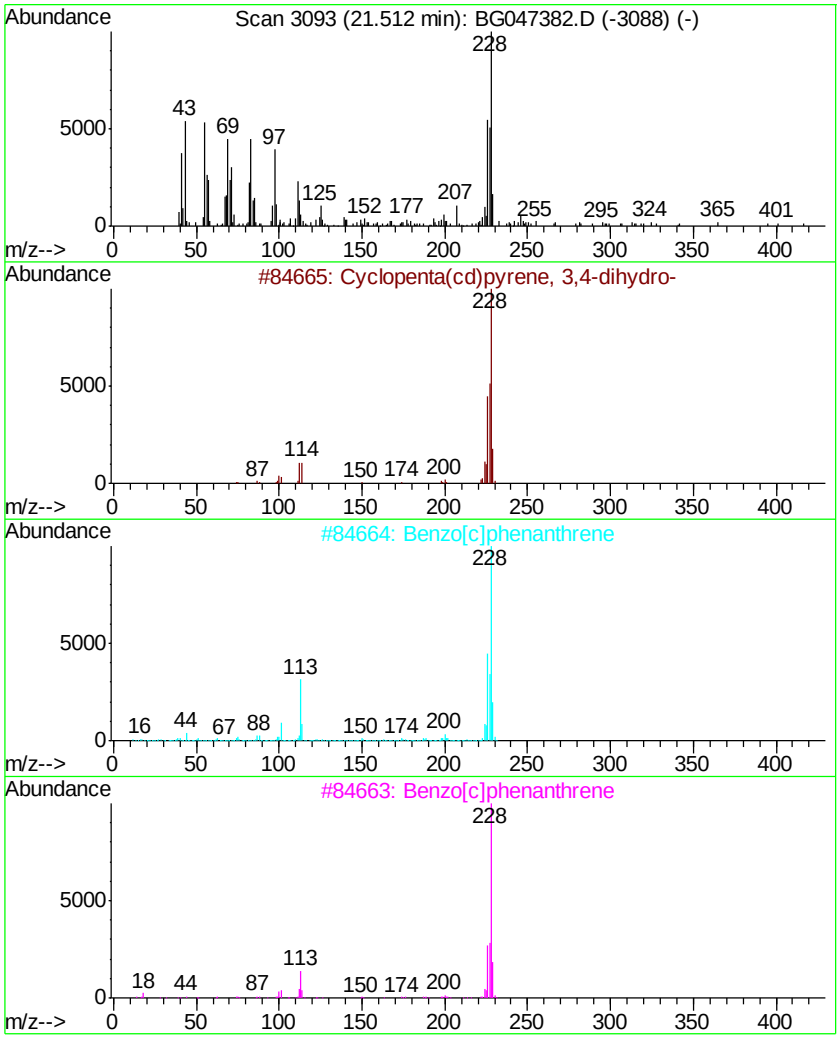
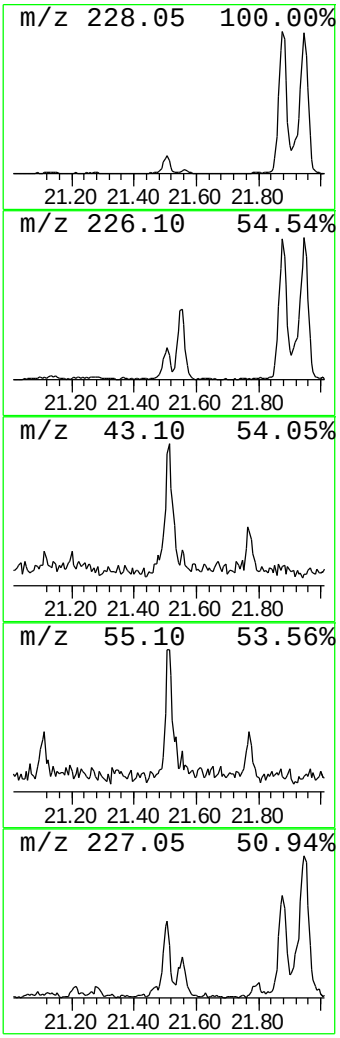
Peak Number 10 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	2.08 ng/ul	175403	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	58
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	58
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4	Chrysene	228	C18H12	000218-01-9	43
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	42





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Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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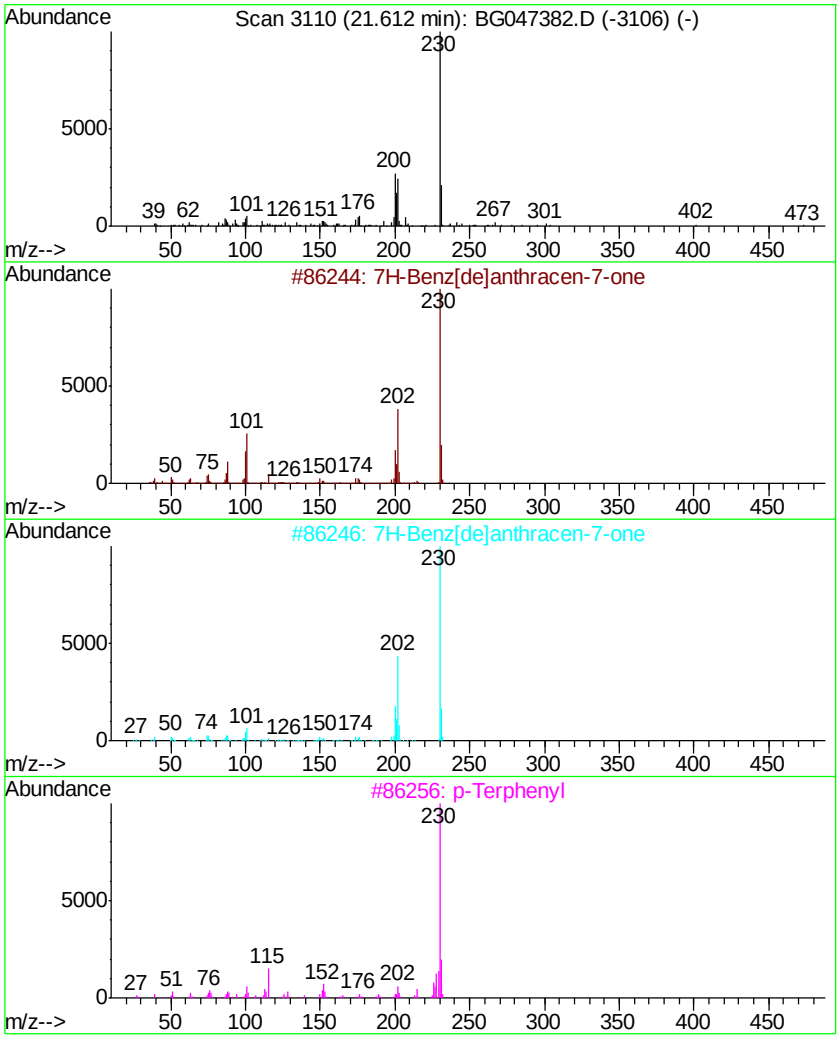
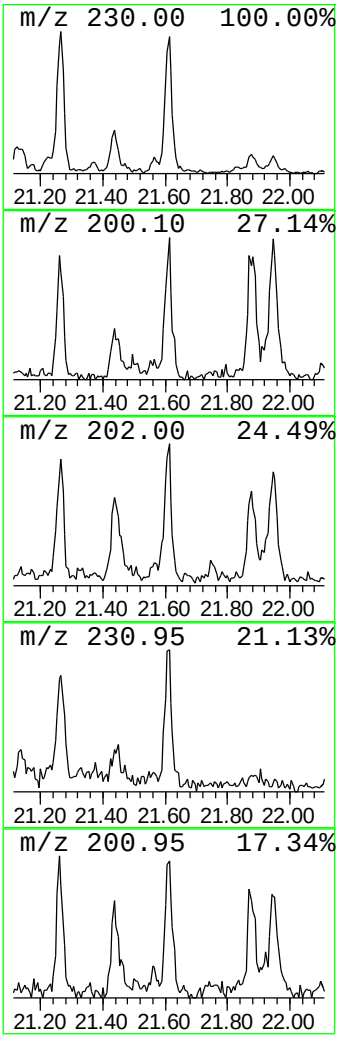
Peak Number 11 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	2.16 ng/ul	182082	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
3	p-Terphenyl	230	C18H14	000092-94-4	47
4	8-Chlorobenzo[h][1,6]-naphthyrid...	230	C12H7ClN2O	025100-26-9	47
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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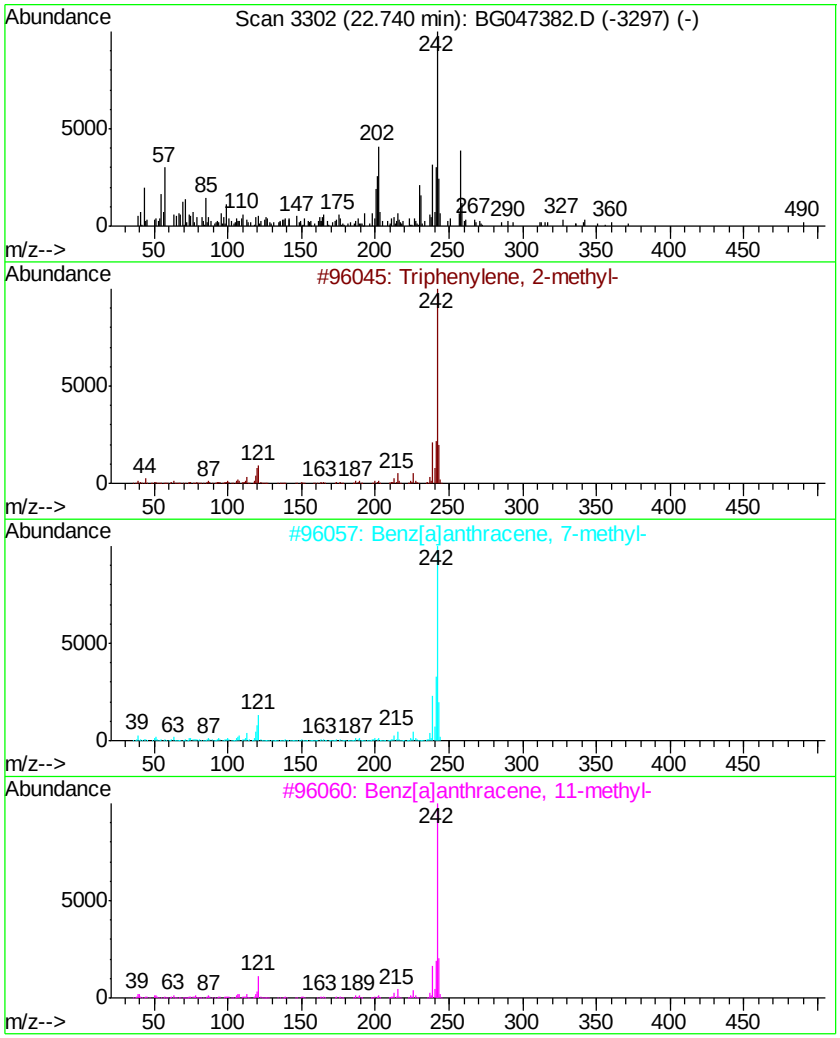
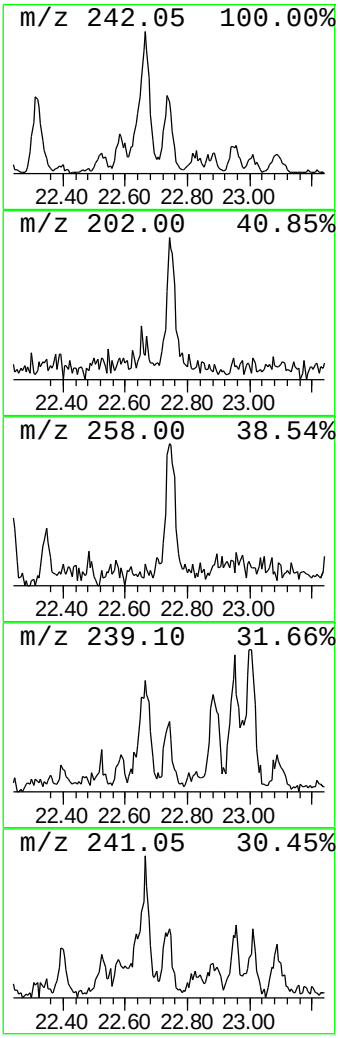
Peak Number 12 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.01 ng/ul	169506	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	46
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	46
3	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	42
4	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	41
5	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	38





Library Search Compound Report

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Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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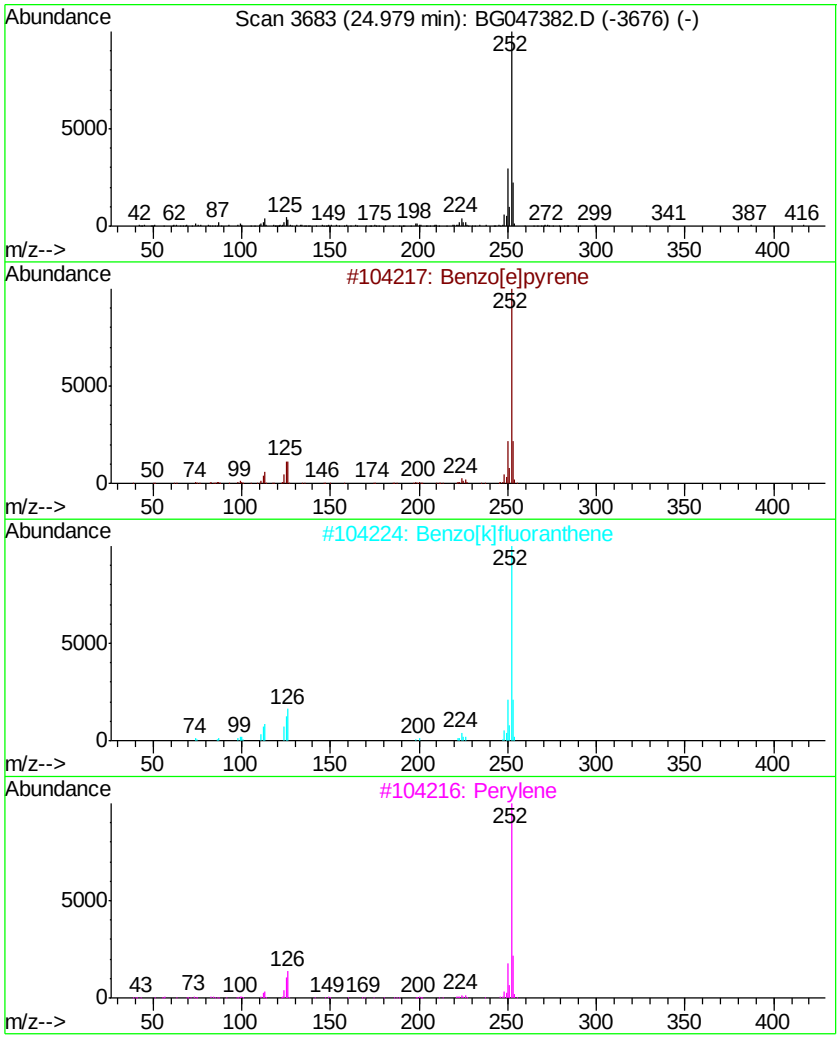
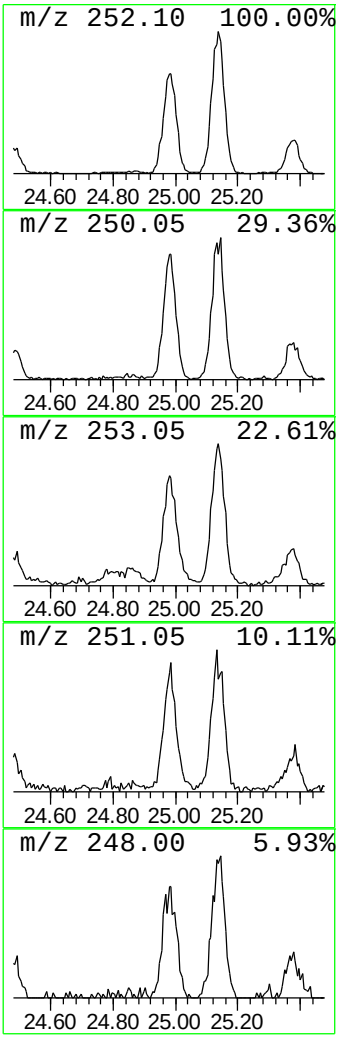
Peak Number 13 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	15.46 ng/ul	478656	Perylene-d12	25.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
3	Perylene	252	C20H12	000198-55-0	74
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112020\
Data File : BG047382.D
Acq On : 20 Nov 2020 19:40
Operator : CG/JU
Sample : L4711-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0B33

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 4-m...	18.49	6.1	ng/ul	203464	4	17.62	669887	20.0
Phenanthrene, 1-m...	18.53	5.1	ng/ul	172296	4	17.62	669887	20.0
4H-Cyclopenta[def...	18.68	6.4	ng/ul	214559	4	17.62	669887	20.0
5,16[1',2']:8,13[...	18.97	3.2	ng/ul	106415	4	17.62	669887	20.0
9,10-Anthracenedione	19.01	4.3	ng/ul	142472	4	17.62	669887	20.0
di-p-Tolylacetylene	19.39	2.4	ng/ul	79015	4	17.62	669887	20.0
Cyclopenta(def)ph...	19.53	2.6	ng/ul	86709	4	17.62	669887	20.0
11H-Benzo[b]fluorene	20.49	2.8	ng/ul	235697	5	21.90	1683110	20.0
11H-Benzo[a]fluorene	20.59	2.4	ng/ul	201833	5	21.90	1683110	20.0
Cyclopenta(cd)pyr...	21.51	2.1	ng/ul	175403	5	21.90	1683110	20.0
7H-Benz[de]anthra...	21.61	2.2	ng/ul	182082	5	21.90	1683110	20.0
unknown-01	22.74	2.0	ng/ul	169506	5	21.90	1683110	20.0
Benzo[e]pyrene	24.98	15.5	ng/ul	478656	6	25.30	619358	20.0